

四川跳蚱之一新属新种

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本文记述跳蚱亚科 (Alticinae, Chrysomelidae) 的新属 *Omeisphaera*, 系以新种 *O. anticata* 为模式种, 产于四川峨眉山。模式标本保存在中国科学院北京动物研究所。

峨眉球跳蚱 *Omeisphaera* 新属

本新属与 *Sphaeroderma* Stephen 及 *Argopus* Fischer 两属最接近, 外形更酷似 *Argopus* 属的种类, 但唇基正常(图3), 不若该属种类之向前叉开而分为两叶。它的主要区别特征在于后胸腹板的前部, 即介于中足基节之间的部分显著隆起, 向前突出, 与前胸腹板相遇, 遮盖了中胸腹板(图4); 前突的末端钝圆, 不具边框。在 *Sphaeroderma*、*Argopus* 等属, 后胸腹板前部并不隆起, 末端具边框, 与中胸腹板嵌合, 处于同一水平。

体卵圆, 背面极拱凸呈半球形(图2)。头部狭于前胸, 额瘤次方形(图3), 阔胜于长, 斜放, 四周界限分明, 后界细沟与眼后沟连接; 瘤后两侧近复眼内沿各有一极大的毛孔; 触角间区域较狭, 隆起; 唇基前端两侧具毛颇密; 上唇阔度超过其中长的两倍, 前缘中央微凹; 下颚须末前节膨大, 末节向端狭小。触角(图1)相当细长, 端部不比中部粗, 第1节最粗, 但仅略粗于中部各节; 第2、3两节最短, 彼此等长; 第4节长度约为2、3两节之和。前胸背板阔约为其中长的两倍或稍过, 四角各具一孔毛, 表面光洁无沟纹。小盾片略带舌

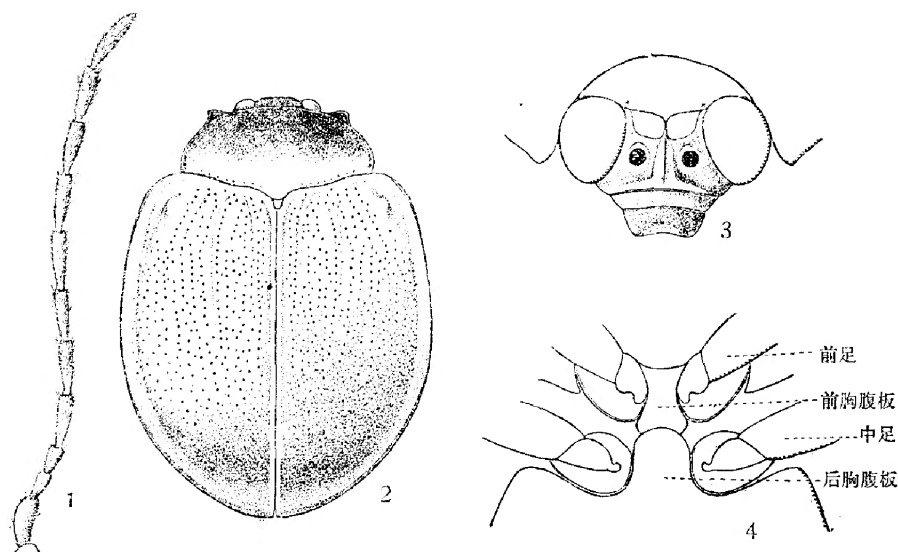


图1—4 *Omeisphaera anticata* 新种 1. 触角; 2. 体型; 3. 头正面观; 4. 胸部腹面观, 示后胸腹板向前突出

形,长与中阔近乎相等。鞘翅基部比前胸阔,肩角宽阔,钝圆;肩瘤明显;刻点排成不规则纵行,很难计数,但每一鞘翅大约有 20 行;缘折半平半斜,靠侧及向端较峻斜,整个形状介于 *Sphaeroderma* 与 *Chilocoristes* 两属之间。前足基节间腹板颇狭,向端膨润。足粗壮,胫节向端逐渐粗阔;各足胫端均有一小刺;后股中部膨大,两端细狭;第 3 跗节完整,不分裂为两叶;爪附齿型。

Omeisphaera anticata 新种

体色淡棕红,鞘翅中后部较淡,呈淡棕黄,但深淡两色间无明显界限,中缝一带或多或少深色。头及前胸前半部黑色,光亮;前胸后半部及小盾片深棕红。触角黑色,相当幽暗,末节向端带棕色;基部三节光亮,黑中泛红,第 1 节腹面一黄色大斑点。前足胫节除基部 1/3 外褐黑色,其跗节基部一、二节亦或多或少褐黑。

头部光洁无刻点,但放大七、八十倍,可见极稀细刻点。触角向后伸展达到鞘翅中部,从第 4 节起多毛,各节大致等长,末端尖狭。前胸背板拱凸,侧缘略弧,后缘中部弧圆,向后突出;前后角均钝圆,但前角略形膨出,角毛不处于角端,前毛略后,后毛略前;表面刻点细小,但极清晰,相当密,仅沿侧缘及基缘两侧有几个特大刻点。小盾片光洁无刻点。鞘翅其极拱凸,刻点相当细小,但远较前胸为粗,刻点间间距很阔,一般超过刻点直径的三、四倍,最外两行刻点间距离更阔;在高倍镜下,还可看到稀疏的极细刻点。腹面刻点不比鞘翅上的弱,每一刻点具一短毛。腹部中间三节最短,彼此近乎等长,第 1 节中长约为中间三节之总和。末节中长略次于第 1 节。

体长: 5—6 毫米;体阔: 3.8—4.3 毫米。

正模♀,副模 1 ♀,均采自四川峨眉山,1,000—1,800 米,1955. VI. 23 及 26 (资云楨)。

本种因生活习性未明,暂时不给汉名。

A NEW GENUS AND SPECIES OF FLEA-BEETLES FROM SZECHWAN

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In this paper, a new genus of Alticinae is described. It is based on a new species, *Omeisphaera anticata*, collected from Omeishan, Szechwan. The type specimens are kept in the Peking Institute of Zoology, Academia Sinica.

Omeisphaera gen. nov.

Closely allied to *Sphaeroderma* Stephen and *Argopus* Fischer, chiefly characterized by: 1. clypeus entire, not bilobed (Fig. 3); 2. epipleura of elytra not horizontal, but oblique or semi-vertical; 3. anterior process of metasternum strongly raised, the apex blunt and immargined, covering the mesosternum (Fig. 4); 4. antennae

slender, the terminal segments not thickened, second and third short, equal in length, fourth nearly as long as the two preceding together (Fig. 1).

***Omeisphaera anticata* sp. nov.**

Body hemispherical, ovate (Fig. 2). General colour red-brown, the middle and apical portions of each elytron more yellowish; head and anterior half of prothorax shining black; anterior legs with the apical $2/3$ of tibia and one or two basal segments of tarsi blackish; antennae black, opaque, except the three basal segments shining piceous, the first partly yellow beneath and the last more or less brownish towards apex.

Head impunctate, frontal tubercles slightly oblique, interantennal space narrow, raised. Antennae extending back to the middle of elytra, second and third segments equal in length. Pronotum very finely and moderately closely punctate, the anterior angles slightly produced and lobiform. Elytral punctures fine, but much coarser than those on pronotum, arranged in rather irregular rows.

Length: 5—6 mm. Breadth: 3.8—4.3 mm.

Szechwan: Omeishan, 1,000—1,800 m, June 23—26, 1955, 2 ♀ ♀.